2018 FALL CATALOG

ADVANCEMENT COURSES™
Continuing Education for Michigan Teachers

200+ graduate-level, self-paced professional development courses for K-12 teachers
Online PD That Counts

Professional development designed to be more engaging, meaningful, and enjoyable – with real feedback and application in today’s K-12 classroom.

Use code **CELEBRATE**

**Take 15% off your entire purchase**

Expires 11/16/18

200+ courses to choose from – up to 6 months to complete

- University-accredited
- Free Books & Shipping
- Online & Self-paced
- Graduate-level

**Applicable & Practical.** Created by subject matter experts with extensive classroom experience, our courses are designed to provide you with more than just information - you’ll develop tangible products and resources to use in your own classroom immediately.

**Flexible & Convenient.** Our online courses aren’t tied to a semester or physical classroom, so you can take them anywhere and anytime for up to 6 months after enrollment.

**Feedback & Facilitation.** Experienced instructors guide learners through every course, answering questions and offering detailed feedback on assignments. Feedback is research-based, positive, and constructive.

To enroll or learn more, visit:
[advancementcourses.com](http://advancementcourses.com)

---

*Coupon Code: CELEBRATE is not valid on prior purchases and cannot be combined with any other discounts. 15% is taken off each item in the order at the time of purchase. Coupon expires 11:59 PM EST 11/16/2018. Void where prohibited. Coupon discount and terms are subject to change.*
Student achievement is at the core of everything we do.

Advancement Courses partners with Andrews University to provide transcripts and semester credit hours to Michigan teachers for their Professional or Standard Teaching Certificate Renewal and education-related professional learning hour requirements (1 semester credit = 25 professional learning hours)*.

Andrews University is accredited by the Higher Learning Commission (HLC). Its teacher training and school services programs are further accredited by the National Council for the Accreditation of Teacher Education (NCATE) and by the State of Michigan Department of Education.

Andrews University Teacher Education Program has also been designated by the Michigan Department of Education as one of the top teacher education programs in the state, earning an Exemplary ranking seven years in row and among the highest-performing teacher education programs in the state for over a decade.

*Please follow your district’s approval process for requirements related to salary scale.

Graduate Transcript

<table>
<thead>
<tr>
<th>Accreditation</th>
<th>Credit Type</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrews University Teacher Education Program</td>
<td>Graduate</td>
<td>University Transcript</td>
</tr>
<tr>
<td>has also been designated by the Michigan Department of Education as one of the top teacher education programs in the state, earning an Exemplary ranking seven years in row and among the highest-performing teacher education programs in the state for over a decade.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graduate Transcript

<table>
<thead>
<tr>
<th>Accreditation</th>
<th>Credit Type</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrews University Teacher Education Program</td>
<td>Graduate</td>
<td>University Transcript</td>
</tr>
<tr>
<td>has also been designated by the Michigan Department of Education as one of the top teacher education programs in the state, earning an Exemplary ranking seven years in row and among the highest-performing teacher education programs in the state for over a decade.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Teaching Strategies</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Teacher Wellness</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Social/Emotional Learning</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Special Needs</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>At-Risk Students</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Classroom Management</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>ESL/ELL</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Gifted &amp; Talented</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>English Language Arts</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Physical Education/Health</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Technology</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>The Arts</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>
Teaching Strategies

The Growth Mindset: Fostering Resilience and a Love of Learning  
Mindset is a buzzword in today’s educational landscape, but it often only addresses the student mindset, not the educator’s. In this course, you’ll explore your internalized beliefs about your own mindset towards learning and your students’ abilities, and learn how to structure your classroom around a culture of perseverance and opportunity.

Teaching Media Literacy in a Post-Truth World  
From advances in mobile technology to the expansion of social media, we’re bombarded with news and people’s reactions to it. While these topics can be contentious, they also hold the potential to open doors to powerful social and educational experiences. Explore how you respond to media, learn to evaluate for credibility and bias, and develop strategies on how to design the learning environment, set expectations, and bring these conversations into the classroom.

Flipping Your Classroom: Redefining Homework and Instruction  
Willing to turn your traditional classroom on its head if you thought it would increase student engagement and achievement? Develop strategies for fostering cooperative and collaborative learning using flipped models that shift the classroom from teacher- to student-centered.

Co-Teaching Strategies  
Explores strategies and best practices to strengthen the co-teaching experience and build a successful instructional team. Learn to engage in co-teaching with positive outcomes, and gain a deeper understanding of learning in a Universal Design for Learning (UDL) framework.

Differentiated Instruction  
Teachers know that students do not fall neatly into one homogeneous group, but have different learning styles, abilities, and preferences. Learn to effectively differentiate instruction for optimal achievement by all students without adding significant planning or instructional time.

Designing Blended Learning for Student Engagement and Achievement  
Students are now digital natives: tech-savvy individuals whose regular interaction with technology influences how they learn, think, and communicate. Develop strategies for modifying current lesson plans to integrating technology and implement meaningful blended learning experiences that foster core 21st-century skills.

Project-Based Learning in the Elementary, or Middle and High School Classroom (Grades K-5 or 6-12)  
Plan and implement project-based learning, where students investigate a complex question over an extended period of time. Engage students in solving real-world problems while they gain critical thinking skills and learn to make connections across disciplines.
Making the Grade: Crafting Measurable and Meaningful Learning Outcomes  K-12
Create learning objectives that truly measure the skills you want your students to demonstrate and ensure that your lessons and assessments align to create a powerful, cohesive learning experience.

Highly Effective Questioning Strategies for Teachers  K-12
Learn how to implement highly effective questioning strategies into your daily instruction to help students reach beyond their potential. Create challenging, rigorous tasks that help your students grow academically, think deeply, and spark their curiosities, and become good questioners themselves so they may take charge of their own learning.

Constructing and Evaluating a Curriculum  K-12
Provides an in-depth study of curriculum development, delivery, and evaluation. Introduces strategies for determining learner needs and creating student-centered learning outcomes with suggestions for adopting research-based curriculum approaches like integrated studies, project-based learning, and growth mindset.

Additional Courses
Better Teaching and Learning With Formative Assessment  cc  3-12
Making Thinking Visible  K-12
The 4 Levels of Depth of Knowledge (DOK)  K-12
Using Anchor Charts: Teaching Tools to Maximize Instruction and Differentiation  K-12
Cultivating Student-Centered Classrooms  K-12
Building Cultural Competency to Improve Instruction and Student Achievement  K-12
Shaping Global Citizens through World Crisis Education  K-12
Grading for Mastery: Guiding Students Though the Learning Process  K-12
Instructional Strategies for Diverse Student Populations  cc  K-12
Essential Teaching Practices for the 21st Century Teacher  cc  K-12
The 4 C’s of Project Based Learning  K-12
Strategies for Teaching Multicultural Students  K-12
Applying the Habits of Mind in the Classroom and Beyond  K-12
Study Smarter, Not Harder: A Practical Guide to Teaching Study Skills Total  5-12
**Teacher Wellness**

**Staying Present: Mindfulness for Better Teaching and Learning**  
K-12  
When teachers and students are centered and able to manage their emotions, they are more successful in and out of school. This course provides the tools to create a culture where every member is mindful and has the capacity to stay present even in stressful situations.

**Self-Care Strategies for Teachers**  
Pre K-12  
Apply course concepts to build a more grounded, inspired, and sustainable career in education and better manage stressful situations. Build long-term self-care strategies into relationships, daily lives, and work, and track progress through a series of somatic and emotional self-evaluations.

**Stress Reduction for Better Teaching**  
Pre K-12  
Develop tools to better manage the stress of teaching and improve your ability to fully enjoy the greatest job on earth while being completely present for your students.

**Achieving a Work-Life Balance in Teaching**  
K-12  
A stressful teaching job can lead to feeling physically, mentally or emotionally overwhelmed. This course provides teachers with a set of practical, customizable strategies for working smarter, not harder – focusing on both productivity and overall wellbeing.

**From Burnout to Productivity: Creating a Path for Teacher Wellness**  
Pre-K-12  
Offers key strategies for creating a healthy work/life balance, advocating for a more sustainable lifestyle, and improving outlook and inspiration both inside and outside of the classroom. Through a series of self-inventories and assessments, identify the sources of burnout and develop strategies for preventing or reversing it.

**How to Stop Playing Catch-up: Time Management for Teachers**  
K-12  
Gain concrete, practical tools to assess how you currently spend time, identify where to streamline or eliminate tasks, manage the challenges posed by unplanned interruptions and distractions, and increase efficiency with work email, lesson and assessment planning, grading, and other daily tasks.

**Beyond Survival Mode: Maintaining your Passion Throughout your Teaching Career**  
K-12  
Becoming a teacher arises from inspiration, but the path to becoming a master teacher is filled with challenges that can seem like roadblocks to success. How do successful teachers keep that fire burning within them? Learn how to move beyond survival mode and maintain a passion for teaching throughout your career.

---

**GROUP DISCOUNTS**

Save up to 25% on your PD when you take a course with friends.  
Learn More at advancementcourses.com/group-sales
Social/Emotional Learning

Strategies for Addressing Student Anxiety  
One in five of students currently struggle with anxiety issues, affecting their ability to learn and disrupting health and sleep. This course will help you understand and recognize anxiety dysfunction and then develop classroom strategies to support students who suffer from it.

Kindness: Can it be Taught?  
Though rarely “taught,” researchers believe kindness can (and should) be actively nurtured in the classroom. Learn about the biological roots of kindness, the personal and social benefits it creates, and how to help students be empathetic, honest, and trustworthy.

Motivating Unmotivated Students (Research and Practice)  
Students come to a classroom with varying levels of motivation to learn: some are ready and eager to learn, while others struggle with learning the content. This course gives teachers an understanding of the major theories of motivation, explains their role in promoting student motivation, and provides strategies to assist students in developing a motivational mindset toward learning.

The Teenage Brain: How it Works  
Impulsivity, mood swings, dangerous experimentation, and poor decision-making... Explore the science of the teenage brain: how it affects emotions, thought processes, and behavior; and how to work with these challenges rather than against them.

The Importance of Play and the Developing Child  
Play is a vital part of children’s learning and development, yet parents and educators alike see fewer opportunities for play in our children’s schedule. Review the benefits of play while learning how to incorporate play into classroom activities and create play activities that suit various play types, subject areas, and grade levels.

Emotions and Learning  
Emotional intelligence is a crucial part of a child’s education. Recognize emotionally healthy vs. unhealthy students, identify from where difficulties stem, and develop techniques for strengthening students’ self-confidence, concentration, resilience, and empathy.

Additional Courses

Creating Meaningful Relationships and Setting Boundaries with your Students  
The Effects of Divorce on Children  
Resiliency: Coping with Academic and Emotional Adversity  
Ethical, Legal, and Professional Issues in Counseling  
Children’s Friendships  
Feedback is a Gift: Framing Difficult Conversations  
Child Development and Psychology: Middle Childhood

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

Common Core
Special Needs

Understanding Dyslexia  K-12
Introduces the various conditions and their neurological basis, providing strategies to support students academically, socially, and emotionally. Develop differentiated instruction while channeling significant but often overlooked strengths.

Strategies for Supporting Children with ADD/ADHD  Pre K-5
Strategies for Supporting Teenagers with ADD/ADHD  6-12
90% of those with ADD/ADHD will face serious social or academic challenges. It’s crucial for teachers to learn why and how these students struggle, the impact of related medication, and specific prevention and intervention strategies.

NEW Supporting Students with Learning Disabilities in the Inclusive Classroom  K-12
Reach students with disabilities with an inclusive classroom without burning out or neglecting the needs of the rest of the class. Develop concrete strategies for creating flexible assignments that allow for choice and meet a variety of needs, and for creating a positive classroom culture that encourages students’ academic success and desire to learn.

Teaching Students with High Functioning Autism  Pre K-12
Familiarize yourself with the signs, symptoms, and implications of having students with High-Functioning Autism Spectrum Disorder (ASD) in your classroom. This course will teach you how to create an inclusive classroom environment to ensure the academic, social/emotional, and behavioral success of students with high-functioning autism.

Special Needs and Education  Pre K-12
Provides all teachers with relevant topics and helpful practices to better meet the diverse needs of the 6-7 million special education students in the US, highlighting one student and his mother through video for a deeper level of insight.

NEW Deconstructing the IEP  K-12
Provides all teachers with relevant topics and helpful practices to better meet the diverse needs of the 6-7 million special education students in the US, highlighting one student and his mother through video for a deeper level of insight.

Additional Courses

Special Education: The Process and Law  Pre K-12
Teaching Students with Low Functioning Autism  K-12
NEW Teaching Special Education: Focusing on Abilities  Pre K-12
NEW The Role of Technology in the Inclusive Classroom  K-12
NEW Using Technology to Support Students With Special Needs  K-12

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

Common Core
At-Risk Students

**Teaching Poverty’s Children**  Pre K-12
Teaches educators about the nature, causes, and effects of poverty, with robust and effective strategies for helping these students succeed in and out of the classroom.

**Drugs, Kids, and Teachers**  K-12
Designed to give the teacher knowledge about the drugs teenagers commonly use and where they access them. Learn to recognize risk factors, implement preventative measures, and intervene in appropriate and effective ways.

**NEW Bullying Today**  Pre K-12
Teachers play a vital role in helping students understand why they bully, how bullying impacts everyone involved, and the importance of treating one another with kindness and respect. Use the techniques from this course to confidently address incidents of bullying at your school and move your students toward a culture of confidence and kindness.

**Preventing Youth Suicide**  6-12
Suicide is the second leading cause of death among school-age children. Regardless of how much personal experience you have with suicide prevention, with the right knowledge and tools, you can have a potentially life-saving influence on the students in your school. This course equips teachers with resources and techniques to mitigate risk factors and intervene with at-risk students.

**NEW Empowering Students through Educational Equity**  K-12
Students in low-income urban schools typically don’t respond well to traditional educational methods or show signs of having experienced academic inequity. Explore new pedagogical approaches that consider your students’ circumstances, provide them with a safe educational environment, and help them thrive academically, socially, and emotionally.

**Additional Courses**

Safe Spaces and Affirming Faces: Supporting LGBTQ Youth in Schools  5-12

**NEW Cultivating a Supportive Classroom Environment: Prioritizing Safe Learning**  6-12

Teaching Students of Military Families  K-12

Teaching the African-American Student  K-12

**NEW RAMPing for Counselors**  K-12
Classroom Management

Positive Behavior Interventions and Supports for Successful Classrooms  K-12

Has classroom management become an endless chore that minimizes teaching and learning time, and impedes student engagement and motivation? If so, this course is for you. Includes preventive and responsive strategies for addressing off-task behaviors that will decrease disruptions, increase instructional time, and improve academic and social outcomes.

Classroom Management Strategies for Student-Centered Instruction  K-12

Shift your classroom to a student-centered approach that places them at the center of the learning experience. Learn how to work with your students to set up a classroom that supports exploration, motivates students, and authentically engages them in meaningful learning experiences, all while creating a prosocial learning environment that drives positive academic and social outcomes.

Bell Ringers and Exit Slips: Creating Powerful Beginnings and Endings  K-12

Develop concrete, actionable strategies for choosing bell-ringers and exit slips based on curricular objectives to keep students quiet, focused, and primed for learning. Use techniques and resources to easily implement best practices to engage students in creative and critical thinking and incorporate these activities into daily instruction.

Effective Classroom Management for the 21st Century  Pre K-12

As well as teaching content, teachers today need to be data analysts, standards experts, and technology gurus, all while facing a complex range of student needs. Explore research-based strategies that will enhance your students’ emotional intelligence and academic achievement, boost confidence, and create thriving, positive learning environments for your students – and you.

Classroom Management Strategies for an Organized Classroom  K-12

Classroom management encompasses all of the teacher’s interactions with students, classroom environment, rules and procedures, instructional strategies, and development of engaging work. This course is designed to assist teachers in developing the practical application of effective management techniques by exploring the latest research and best practices.

Additional Courses

Operation Organization: Establishing Order in Your Classroom  K-12

Using Data to Drive Continuous Improvement in Education  K-12

Facilitating Communication: Accountable Talk for Elementary Students  K-12

Building Effective Communication Skills in the Classroom  6-12

Creating a Classroom Space for Open Conversations  K-12

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.
Teaching Writing to English Language Learners  
Examine classroom conditions and best practices necessary for successful writing instruction of English language learners (ELLs) to teach students at all levels of language acquisition how to make connections, ask questions, visualize, infer, determine importance, synthesize, monitor meaning and comprehension, and continue learning independently through mentor texts and authors.

Teaching Speaking and Listening Skills to English Language Learners  
With one in five public school students coming from a home where English is not the primary language, teaching language acquisition skills is no longer solely the job of English as a second language (ESL) teachers. Teachers will develop practical strategies to encourage active involvement from your ELL students in this course, and how to modify instruction and assessments to meet the needs of ELLs to forge a positive, culturally inclusive classroom environment.

A Guide to Differentiating Instruction for Gifted and Talented Students  
Learn how to modify instruction, assignments, and assessments through thoughtful planning and a deeper understanding of the “big picture” of unit design with a focus on the gifted learner. Create a Differentiated Learning Plan that accounts for learning preferences, interests, and readiness, and includes flexible grouping practices, tiered assignments, and student choice of content, process, and product.

Reaching and Teaching Gifted Students in a Regular Classroom  
When gifted students are in a class with grade-age peers, the regular curriculum consists of content they have already mastered or can master far more quickly than their classmates. But research shows these students can be the least likely to succeed without the proper curricular modifications. This course examines the needs of gifted students (including ELLs or those with ADHD), and how to keep them engaged and supported to meet their true academic potential.

Teaching AP Classes  
This hands-on course explores how to create an AP program that prepares your students for college. Through research, discussion and reflection, you will learn how the AP system works, how it compares to other advanced academic programs, and how to establish an effective AP program.
Writing Well or Good Writing? An Educator’s Guide to Teaching Grammar  
Pre K-12
No more boring worksheets and tedious activities - this course introduces a new style of teaching grammar with fun and engaging methods to improve student writing through hands-on grammar instruction, amusing text, and enjoyable activities.

Read Out! Building Students’ Literacy and Love of Reading Through Read Alouds  
K-12
The Dept. of Education called them the “single most important activity” for success in reading. Develop strategies for text selection, structure, and engagement, and learn to create a robust classroom Read Aloud program.

Own Your Words: Effective Vocabulary Instruction  
K-12
Design vocabulary instruction that enhances comprehension and literacy skills across grade levels. Learn how to select appropriate and differentiated vocabulary, create meaningful learning activities, and address the needs of ELLs.

Sustained Silent Reading  
K-8
SSR refers to setting aside a quiet, uninterrupted period of time, where students choose something to read that is of high interest to them. With many benefits versus traditional reading instruction, learn how to implement a successful program to motivate, excite, and benefit readers of all levels – and, perhaps most significantly, instill of a lifelong love of reading.

NEW Active Reading vs Passive Reading: Teaching Students to Become Better Readers  
K-12
Getting students to block out all distractions and hone in on a single task—especially reading—can be quite challenging. Using the techniques from this course, you will be able to strengthen your students’ reading skills to inspire deeper learning and a greater love of reading.

Writing About Literature: Teaching Literary Analysis  
5-12
Learn to engage students in ‘writing to read’ using the formal vocabularies of different genres, guiding students as they write about fiction, drama, graphic narratives, and poetry. Explore critical approaches to making sense of literature and design engaging activities to provide students opportunities to write their way to a comprehension and appreciation of literary texts.

Why Argue: Teaching the Art of Oral and Written Argument  
5-12
Develop your students’ ability to argue relevant concerns with increasing complexity, elegance, and logic, making “because” a thing of the past.
Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

**Teaching Research Writing in the Digital Age**  
6-12  
With an emphasis on workplace and college environments, learn how to guide students in developing ideas, gathering information, analyzing data, organizing materials, and crafting quality, well-reasoned reports – with deliberate techniques to fine-tune before presentation.

**Everyone Has a Story to Tell: Narrative in the Classroom**  
5-12  
Stories are how we connect as a culture. Inspire your students to be creative and expressive by teaching them to build rich personal narratives – while improving their reading, writing, comprehension, critical thinking, and analytical skills.

**Helping Kids Write**  
K-12  
Writing is a complex activity. More than just a skill or talent, it is a means of investigation and expression for learning in all grades and disciplines. Ideas about why and how to teach writing have progressed dramatically in recent years, and this course exposes the teacher to effective approaches and best practices for helping students learn to write.

**Implementing Creative Projects in Literacy**  
K-12  
Do you think you are creative? How about your students? Can creativity be taught? What do you actually do when you are thinking creatively? Explore the connection between literacy and creativity to better understand how students can effectively articulate their ideas, collaborate, and communicate with each other. Tailored by grade band, courses include best practices for developing creative literacy projects that integrate visual art, dance, music, and theater; tips for offering constructive feedback that scaffolds students’ thinking; and strategies that allow students to make choices and pursue inquiry independently.

**Reimagining Literature: Using Graphic Novels in the Classroom**  
7-12  
Learn how graphic novels can provide opportunities to develop students’ media literacy, teach essential nonfiction and fiction standards, engage students in high-level analysis and discussions, and foster students’ creativity and enthusiasm for reading. Take advantage of the scholastic value of graphic novels and be ready to incorporate them into ELA instruction.

**Additional Courses**

- **Preparing Students for College: Teaching Writing Across Content Areas**  
6-12
- **Activating Creativity through Literacy in ELA (Grades K-5 or 6-12)**  
cc K-5, 6-12
- **CCSS for English Language Arts: Connecting Theory & Practice (Grades K-5 or 6-12)**  
cc K-5, 6-12
- **The Personal Essay: Knowledge, Power, and the College Application**  
9-12
- **Be Versatile with Verse: Poetry in the Classroom**  
K-12

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

cc Common Core
Math

Real-World Applications for Algebra 9-12
Provide a foundation in basic algebraic principles, including equations, functions, and mathematical models, with emphasis on application in the business world.

NEW  Supporting Literacy Skills in the Elementary Math Classroom K-5
Explore strategies for integrating literacy into your math instruction, including accommodating for ability levels, addresses math-related anxiety, and fostering problem-solving, to support the meaningful engagement of your students, including early readers and nonreaders.

Strategies for Developing an Engaging and Effective Secondary Math Curriculum 6-12
Provides tools to strengthen math instruction by integrating hands-on, real-world activities that highlight critical-thinking skills, address learning styles, build authentic understanding, and differentiate instruction.

The Language of Math 3-8
Mathematics has a language all its own, with some words rarely encountered outside of math, while others are used in new and unexpected ways (e.g., product). Learn to avoid the potential pitfalls caused when students do not fully grasp the meanings of important terminology, explore difficult language and concepts, incorporate work with language into the math curriculum, and connect math with reading and writing.

Fundamentals of Teaching Mathematics K-12
Learn how to introduce students to mathematical reasoning, sets and functions, whole numbers, number theory, integers, rational numbers, geometry, algebra, statistics, and probability.

Additional Courses

NEW  Adding Relevance to Teaching Mathematics K-12
NEW  Tech Tools for the Math Classroom K-12
Problem Solving in Mathematics K-5
Closing the Gender Gap in STEM K-12
CCSS in Math: Connecting Content & Practice (Grades K-5, 6-8, or 9-12) K-5, 6-8, 9-12
Building an Effective Elementary Mathematics Curriculum K-6

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

Common Core
Physical Education/Health

**Game On! Getting Kids Pumped in P.E. Class**  
K-12  
Provides an array of motivational strategies to fully engage students of all backgrounds and fitness levels in effective PE instruction, helping them understand the direct benefits of physical activity on their mental, emotional, and physiological wellbeing.

**Health, Wellness, and Fitness: A New Look**  
Pre K-12  
Provides activities that span multiple dimensions of health and wellness. Learn techniques to foster students’ emotional wellbeing, nutrition, and physical fitness, as well as methods to address the teacher's own health and wellness.

**Athletic Speed and Agility**  
K-12  
Introduces coaches to speed and agility programs that will enhance their athletes’ performance in these areas. Understand the physical features that allow or prevent athletes from developing speed, and how to overcome these obstacles through specific training while limiting injuries.

**Sports and Games: Using Instructional Models in PE**  
K-12  
The days of uninspired and unorganized play are over! Course includes strategies for identifying competency-based, goal-oriented games and authentic activities appropriate for K-12 physical education, with tools for assessing students as they develop a lifelong interest in fitness.

**Coaching for Character**  
K-12  
Coaches play a unique role in a child’s life, given their ability to help students grow as athletes and as human beings. Assess your approach to sportsmanship and respect in this course, and create a plan for implementing a character education curriculum with athletes.

### Additional Courses

- **Identifying and Preventing Eating and Exercise Disorders**  
  5-12  
- **Stretching Bodies and Minds: Using Yoga to Enhance Student Focus and Motivation**  
  K-12  
- **Shaping Authentic PE Instruction in the 21st Century**  
  K-12  
- **Why Good Coaches Quit**  
  6-12  
- **Motivating Student Athletes and Sport Psychology**  
  9-12  
- **Basketball John Wooden’s Way**  
  6-12  
- **The Job of the Athletic Director**  
  K-12  
- **The Psychology of Sport**  
  6-12  
- **Coaching the Female Athlete**  
  9-12  
- **Teaching Healthy Habits to Prevent Childhood Obesity**  
  Pre K-12  
- **Teaching Beginning Golf: The Basics**  
  K-12  
- **Teaching Golf: From 40 Yards In**  
  K-12

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.  
Common Core
Science

Next Generation Science Standards: A New Framework for Authentic Science Instruction  
Provides an in-depth understanding of *A Framework for K-12 Science Education* with strategies for translating the NGSS to classroom practices that engage students in authentic learning and inspire success in science.

Teaching Tough Topics in Biology  
Many students struggle to learn core concepts in biology, including proteins and genes, cellular respiration, and ecosystem stability. This course provides practical, research-based methods and frameworks you will use to plan and implement effective biology units. Learn how to select instructional strategies that support better understanding of fundamental concepts.

Understanding Our Universe: An Introduction to Astronomy  
A qualitative introduction to the nature of the solar system and beyond. Topics include: the celestial sphere, astronomical observation techniques, the planets and moons, asteroids and comets, the Sun, the lives and evolutions of stars, pulsars, black holes, galaxies, and dark matter.

Effective Teaching and Learning with Scientific Inquiry (Grades 3-8 or 9-12)  
Learn how to transform activities and experiments to inquiry-based investigations to engage students, improve problem solving skills, and achieve long-term concept retention. This course presents a step-by-step approach for using scientific inquiry to transform your current classroom into an environment where students are supported and inspired to learn.

Teaching Environmental Science  
Examine how to effectively facilitate learning of current environmental thought, economics, ethics, problems, and the related physical, chemical, and biological principles. Provides strategies to guide students in becoming critical consumers of information, fostering their development of evidence-based reasoning.

Additional Courses

- Engaging Students in the Study of Genetics  
- It’s Getting Hot in Here: Exploring the Past, Present, and Future of Climate Change  
- Chemists in the Making: Fostering Inquiry with Science Notebooks  
- Teaching Scientific Argumentation and Critical Thinking  
- Endangered Species and Mass Extinction Events  
- Nature Education and Environmental Literacy  
- Integrating Engineering Design With Middle And High School Science Instruction  
- The Human Brain  
- Crafting Engaging Elementary Science Instruction with Stories  

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.
Social Studies

Teaching Western Civilization Part 1  K-12
Teaching Western Civilization Part 2  K-12
Events, people, and eras from the time of the Ancient Near East (4000 B.C.) civilizations through the age of the Renaissance (Part 1) or late Renaissance Europe to the Digital Age (Part 2). Teach students how to determine the chronological evolution of Western Civilization and how today’s world is shaped by either the earlier or later history of Western Civilization.

Teaching the Constitution and The Bill of Rights  5-12
The Founding Fathers established a lasting political philosophy that has acted as a model for governments around the world since its inception. To this day politicians and citizens alike continue to interpret and reinterpret the Constitution in light of our evolving society, culture, and political landscape. Engage students and develop a deep understanding of what motivated the writing of the Constitution, the process that created it, and how it continues to shape our daily life.

America’s Wars: From the Civil War to Vietnam  9-12
Understand new perspectives, develop complex debates, and create new strategies for teaching America’s wars in a high-interest, interactive way that goes well beyond memorizing battle dates and political speeches.

Read Between the Lines: Developing a Critical Historical Perspective  5-12
Engage students more deeply and develop their own rich interpretation of historical events by shifting your students’ mind-set from memorizing dry facts to participating in authentic historical interpretation. Create an environment of open, unbiased discussion in which your students can rationally evaluate even difficult topics and apply objective reasoning to historical analysis.

Additional Courses
Teaching the American Presidency  4-7
The American Civil Rights Movement  4-12
History of Slavery in America: 1600s-1800s  4-12
Ellis Island and Immigration in the 19th and 20th Centuries  6-12
America During the Thirties: The Great Depression, Dust Bowl, and The New Deal  5-12
Teaching American Colonial History  6-12
Teaching the American Revolution  4-7
Teaching the American Civil War  4-7
Ancient Greece  3-8
Forgotten Moments in History  K-12
Ancient Rome: Rise of an Empire  3-8
A History of American Women’s Rights: From Susan B. Anthony to the Present  6-12

Courses available in 3 graduate credit or non-credit (45 hours) options unless otherwise noted.

Common Core
Technology

**Essential Classroom Technology for Teachers**  3-12
A guide for the teacher interested in utilizing technology across subjects to increase student engagement and achievement, with strategies for using the latest technology and digital tools to streamline planning, create engaging learning experiences, and improve digital literacy.

**Designing and Implementing Quality STEM Instruction**  5-8
Successfully plan and implement authentic, integrated STEM instruction that engages students in the processes and practices of scientists, mathematicians, and engineers.

**NEW**  **Designing Online Assessments for Students**  K-12
Leverage resources and tools in the online environment to create effective formative and summative assessments for students. Explore ways to create authentic and engaging assessments online, as well as techniques for providing meaningful and instructive feedback in the online environment.

**Social Media Tools for Teaching and Learning**  K-12
Social media can help students become media literate and prepare them with collaboration, communication, and critical thinking skills needed for future success in this technological age. Understand how to integrate social media applications into core curriculum, prepare students to participate safely, and support needs of diverse learners through social media platforms.

**Supporting Student Success in STEM Using Blended Learning**  K-12
Research shows that technology can aid teachers in achieving their instructional goals. Learn how to use blended learning—instruction that combines online and onsite (in-classroom) resources and practices—to build a collaborative, engaging, efficient, and effective learning environment that hones students’ interest in STEM subjects, and cultivates the skills they need to tackle the challenges of the 21st century.

**Additional Courses**

- **Respect, Educate, and Protect: Cultivating Digital Citizenship in 21st Century Learners**  K-12
- **Level Up! Student Achievement Through Gamification and Game-Based Learning**  K-12
- **ePortfolio Tools for the Classroom**  K-12
- **Using Tablets to Support 21st Century Instruction**  K-12
- **NEW**  **Teaching Computer Science in (Grades K-5 or 6-12)**  K-5, 6-12
- **Rewiring Education: Teaching and Assessing Essential 21st Century Fluencies**  K-12
The Arts

**NEW The A in STEAM Stands for Arts  ** K-12
This course provides strategies for integrating arts into STEM lessons, techniques for designing, implementing, and managing STEAM projects, and strategies for assessing students in a way that supports the development of key 21st century skills.

**Managing the Art Classroom  ** K-12
Techniques, strategies, and tools for effectively managing your art classroom and striking the right balance between chaos and flow. Design a safe space that fosters self-expression, establish procedures for optimal engagement, and cultivate positive relationships with your students.

**Crafting Student Assessment in Art  ** K-12
Learn how to create a variety of formative and summative art assessment strategies – including art journals, portfolios, integrated performances, and judging strategies – that support student growth.

**Teaching Classical Music: History and Appreciation  ** K-6
Classical music is a genre often unfamiliar to children, but one with the potential to teach positive academic and emotional skills. With audio recordings of important works, trace the development of classic music from the Baroque to the Impressionistic periods. Learn how to teach the key composers, instruments, compositional styles, and historical context of each period.

**Teaching Jazz: History and Appreciation  ** K-6
Introduces jazz and its various styles, historical context, and leading figures. By listening to and analyzing original performances, learn to teach students about the roots and types of jazz, musicians and their works, and how jazz intersected with key events in African-American history and culture.

**NEW Fostering Artistic Literacy Using the National Core Arts Standards  ** K-12
Provides a framework for designing and implementing effective and engaging instruction in art domains (visual, dance, theatre, music, and media arts) and strategies for assessing students in the fundamental creative practices for the arts: imagination, investigation, construction, and reflection.

**Arts Education for Early Learning and Emergent Literacy  ** K-5
Arts-based educational strategies can enhance and deepen learning and help students see the art in everything around them. Use pedagogical models from this course to intentionally plan arts activities and lessons to deliver classroom content in an effective, powerful way.